

APRIL/MAY 2024

FIM31/CIM31 — PROGRAMMING IN C

Time : Three hours

Maximum : 75 marks



SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is keywords in C?
2. Define constants.
3. Define GOTO statements.
4. What is decision making?
5. Write note on: Arrays.
6. Note on: Strings.
7. List out the functions.
8. Define call by value.
9. What is structure with syntax?
10. Define files in C.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Explain about the history of 'C'.

Or

- (b) Discuss about the importance of 'C' language.

12. (a) Explain about

(i) If statement

(ii) Nested-if-statement.

Or

- (b) Write the difference between while and Do-while.

13. (a) Discuss about two-dimensional array with example.

Or

- (b) Explain the reading the text with example.

14. (a) What is user-define function? Explain with example.

Or

- (b) Discuss about access modifiers.

15. (a) Explain about file management with example.

Or

- (b) Discuss about command line argument.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Describe the datatypes in C with example.

17. Explain about branching statements with example.

18. Briefly explain about pointers with example.

19. Detailly explain about recursion with example.

20. Write short notes on

(a) fopen ()

(b) fclose () with example.

